

**Milwaukee Public Schools
High School Academic Vocabulary**

Science

Biology	Chemistry	Earth & Space	Physical Science	Physics
aerobic	acid	acid rain	atom (proton, neutron, electron)	acceleration
allele	atomic number	asteroid	atomic mass (isotopes)	Bernoulli's principle
amino acid	atomic theory	astronomy	charge (positive, negative)	buoyancy (Archimedes' principle)
analogous structure	balanced equation (coefficient, product, reactant)	atmospheric cycle	chemical changes	Doppler effect
anatomy	base (OH)	barometric pressure	chemical reactions	electromagnetic
anaerobic	bonding (ionic, covalent, hydrogen, metallic)	Big Bang Theory	chemistry	energy (potential, kinetic)
asexual	catalyst	boundaries (divergent, convergent)	conservation of mass	evaporation
ATP	cathode ray tube	climate	density	fluid
carbohydrate	chemical formula (symbol)	cloud (cirrus, cumulus, stratus)	distance	force
cell	chemical reaction (synthesis, decomposition, combustion, single & double replacement.)	comet	elements	free fall
cellular respiration	classification of elements (metal, non-metal, semi-conductor)	core	energy	friction
chromosome	compound	crust	forces	gas laws (Boyle, Charles, pressure, volume)
circulatory system	ion (anion, cation)	eclipse	Law of Conservation of Energy	gravity
diffusion	matter (solid, liquid, gas, plasma)	ecosystem	matter (solid, liquid, gas)	heat transfer (convection, conduction, radiation)
digestive system	mixture (heterogeneous, homogeneous, suspension, colloid, solution)	epicenter	motion	kinetic theory (plasma, temperature, phase change, heat)
DNA	mole	equinox (autumnal, vernal)	Newton's Law	light (diffraction, interference)
endocrine	molecular formula	erosion	Periodic Law	mechanical advantage

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eukaryote	molecule	fault	physical changes	mechanical energy
evolution	nuclear reaction (fusion, fission)	fossil fuel	properties (chemical, physical)	medium
fertilization	nucleus	fossil record	Richter Scale	net force
gene	oxidation-reduction reaction	fracture	rock (igneous, metamorphic, sedimentary)	Ohm's law (voltage, current, resistance)
genetics	periodic table (groups, periods)	front (cold, warm, stationary)	rock cycle	Pascal
glands	pH	galaxy	seismic wave	photon
homologous structure	pure substance	geologic cycles	simple machines	physics
marsupial	solvent/solutions	geologic time	solstice (summer, winter)	pitch
meiosis		geology	space	power
mitosis		glaciers	tectonic plates	pressure
muscular		global warming	temperature scales (Celsius, Fahrenheit, Kelvin)	prism
nematocyst		hurricane	visible spectrum	projectile motion
nervous system		hydroelectric energy	waves	radar
nucleus		hydrologic cycle (water cycle)	weather	radiation
organelle		inclination	weather patterns	sonar
osmosis		magma		sublimation
physiology		mantle		thermodynamics
prokaryote		meteorology		thermometer
reproductive system		mineral		ultrasound
respiratory system		nebula		velocity
sexual		ozone layer		
skeletal system		renewable resource		
taxonomy				
tissue				